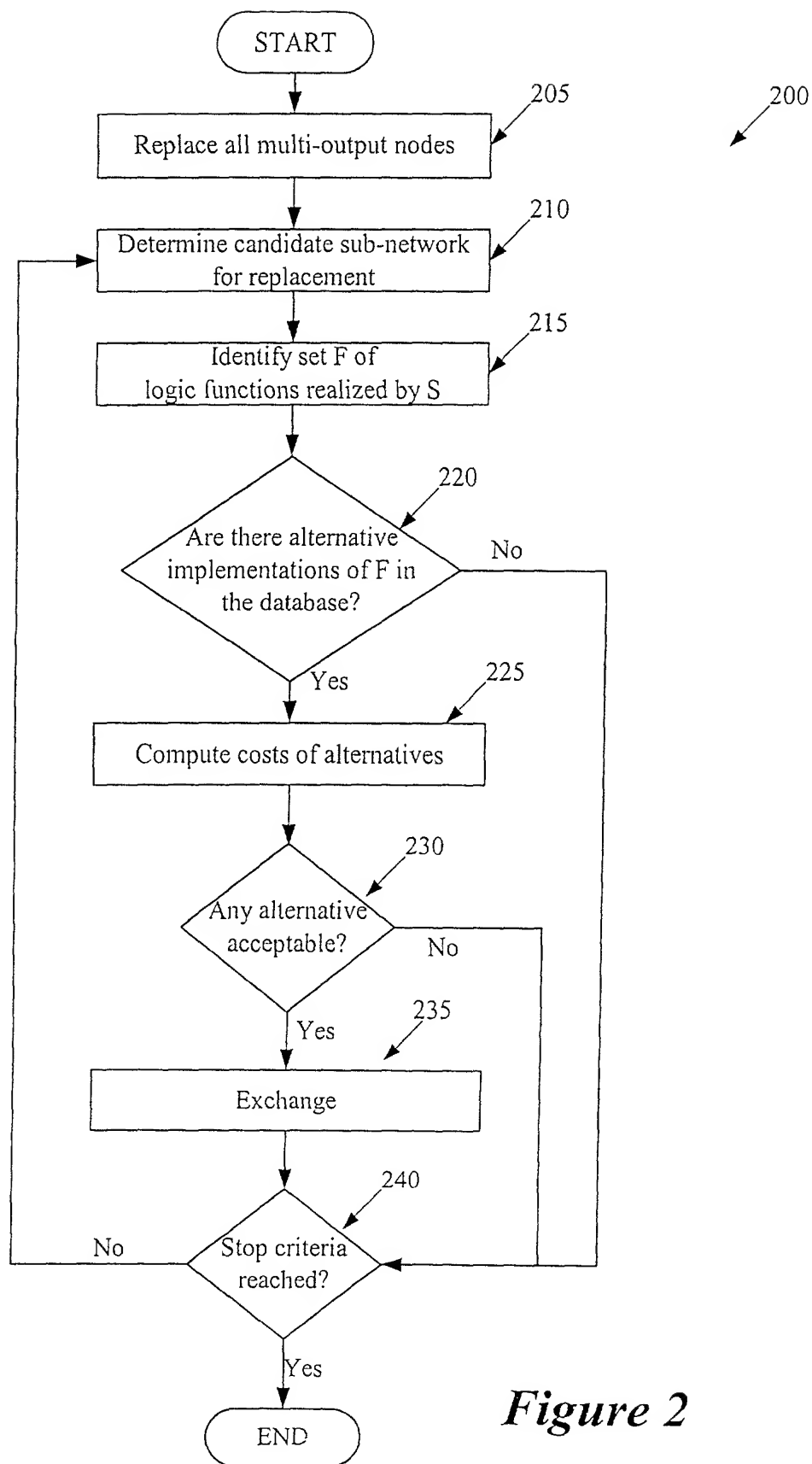
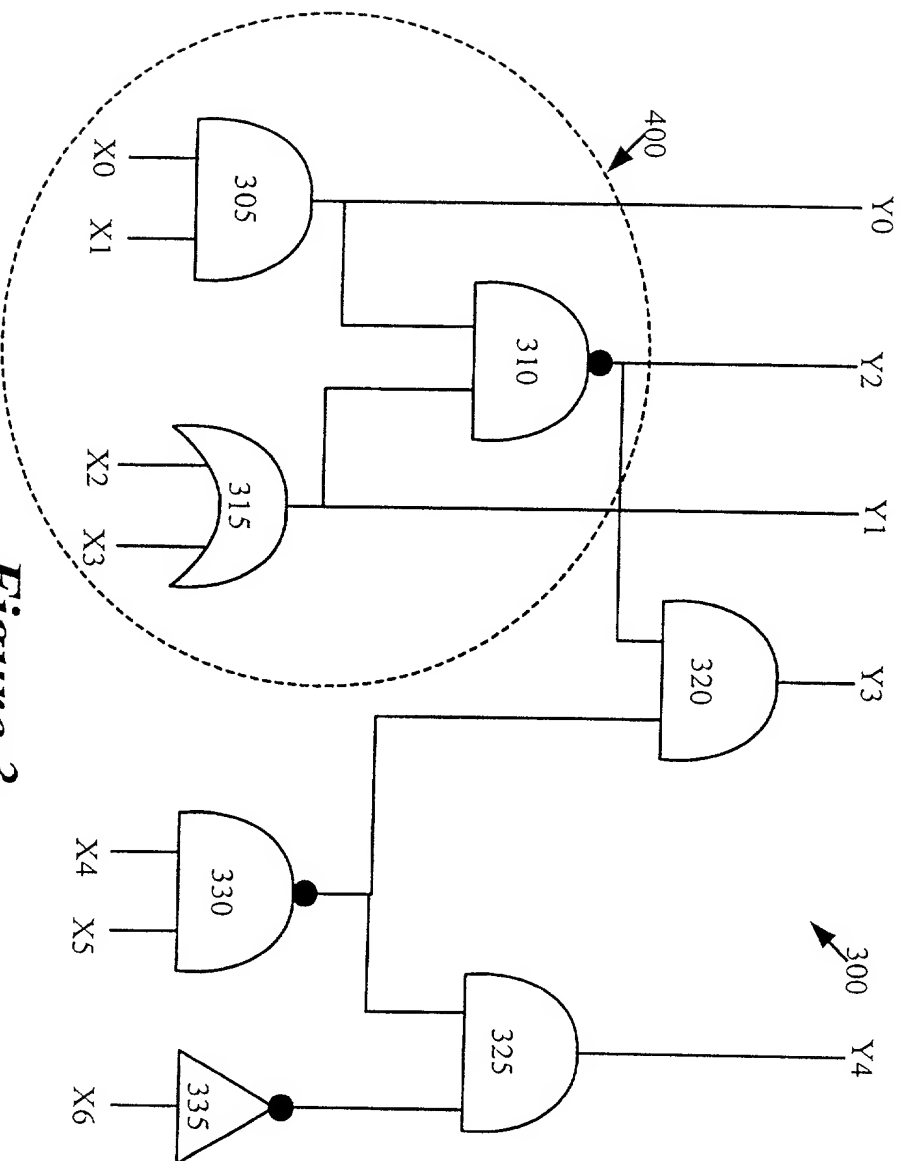


Figure 1

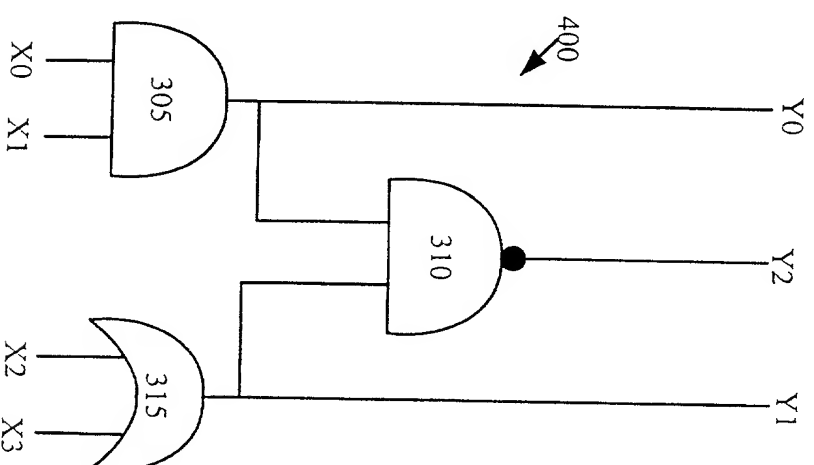


**Figure 2**

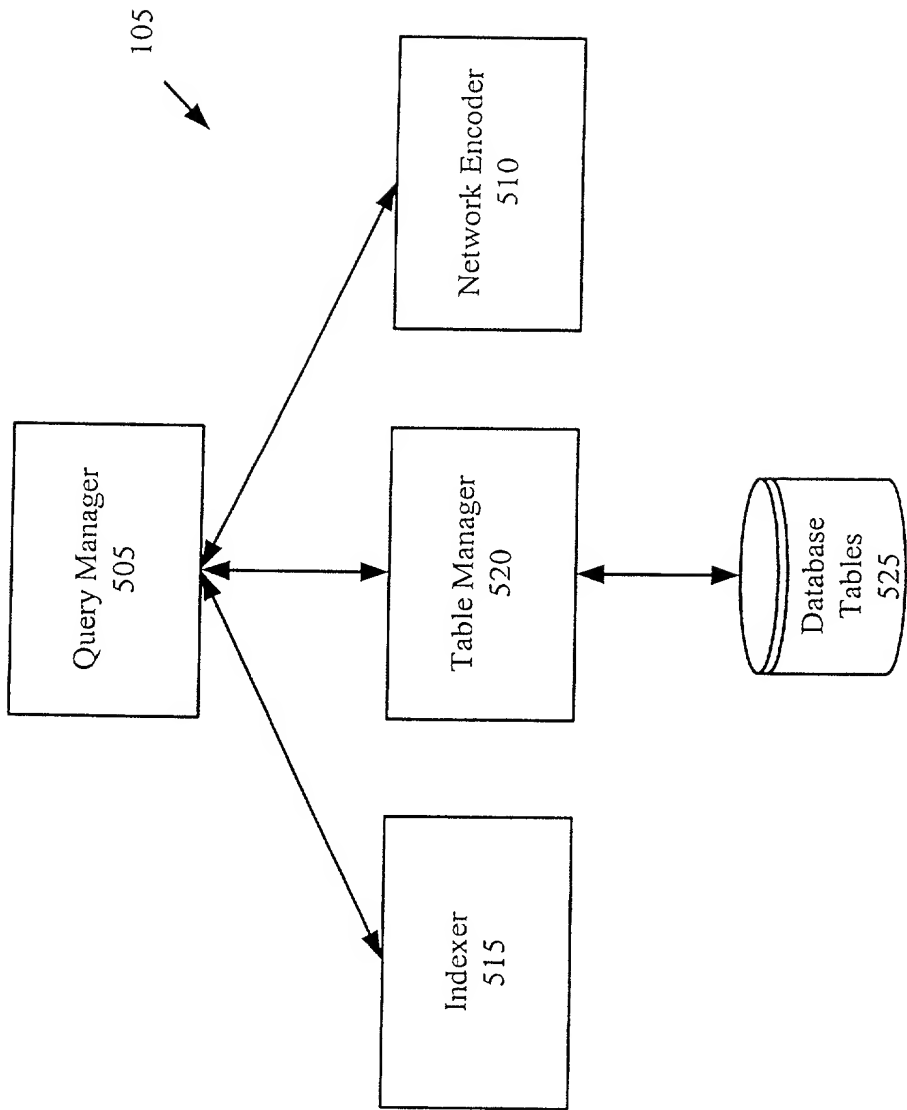


*Figure 3*

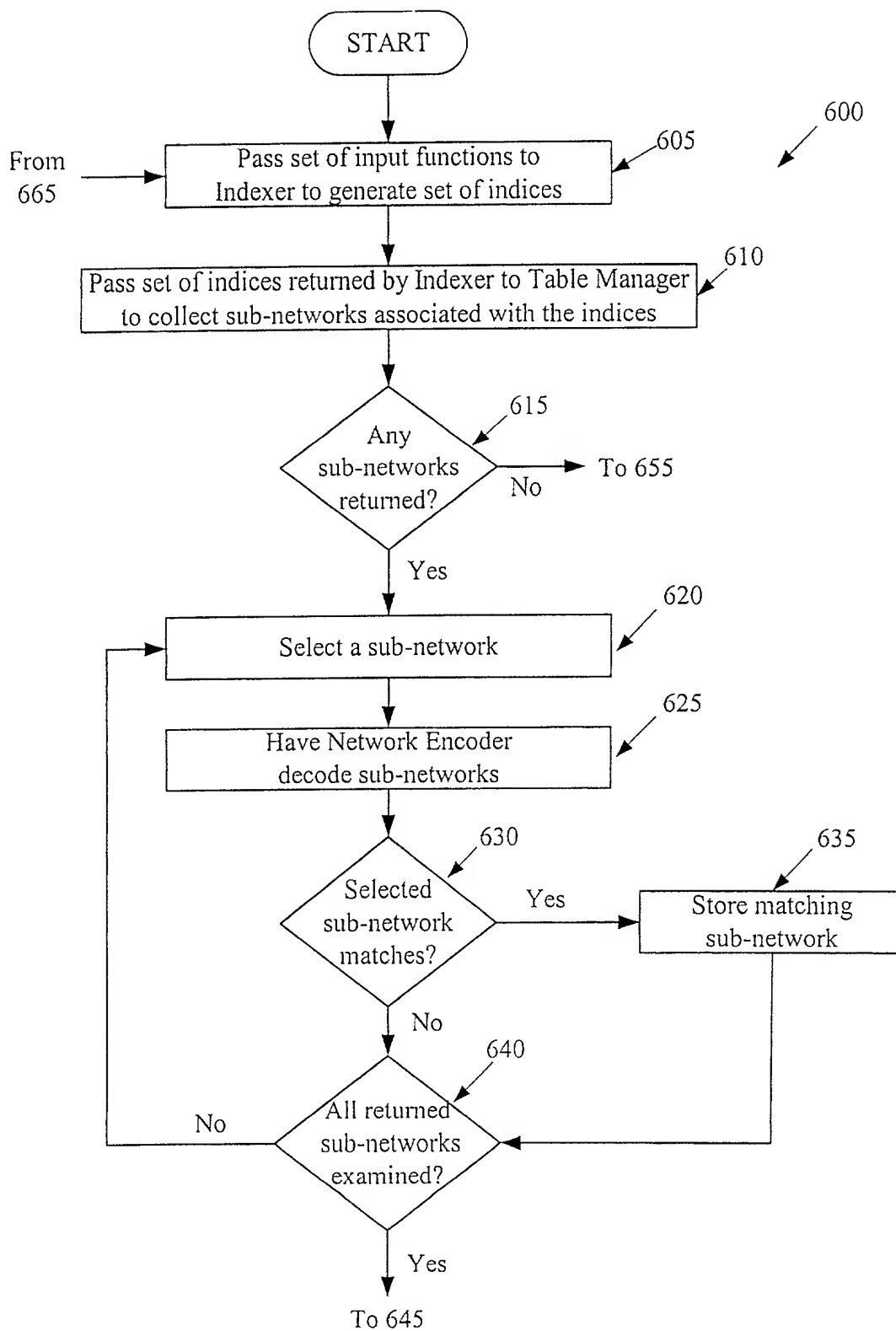
FIG. 3 is a logic circuit diagram of the first embodiment of the present invention.



*Figure 4*

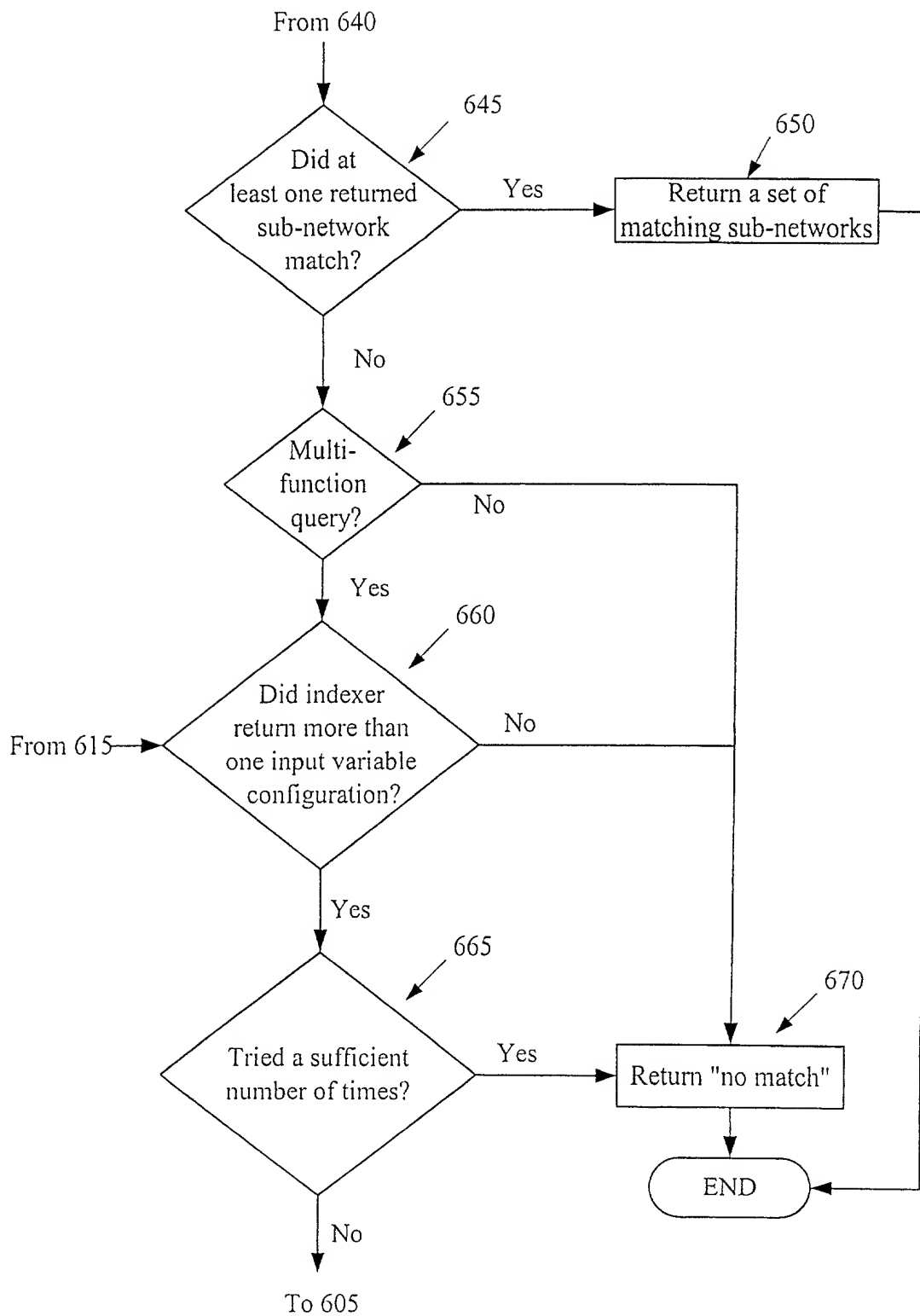


*Figure 5*

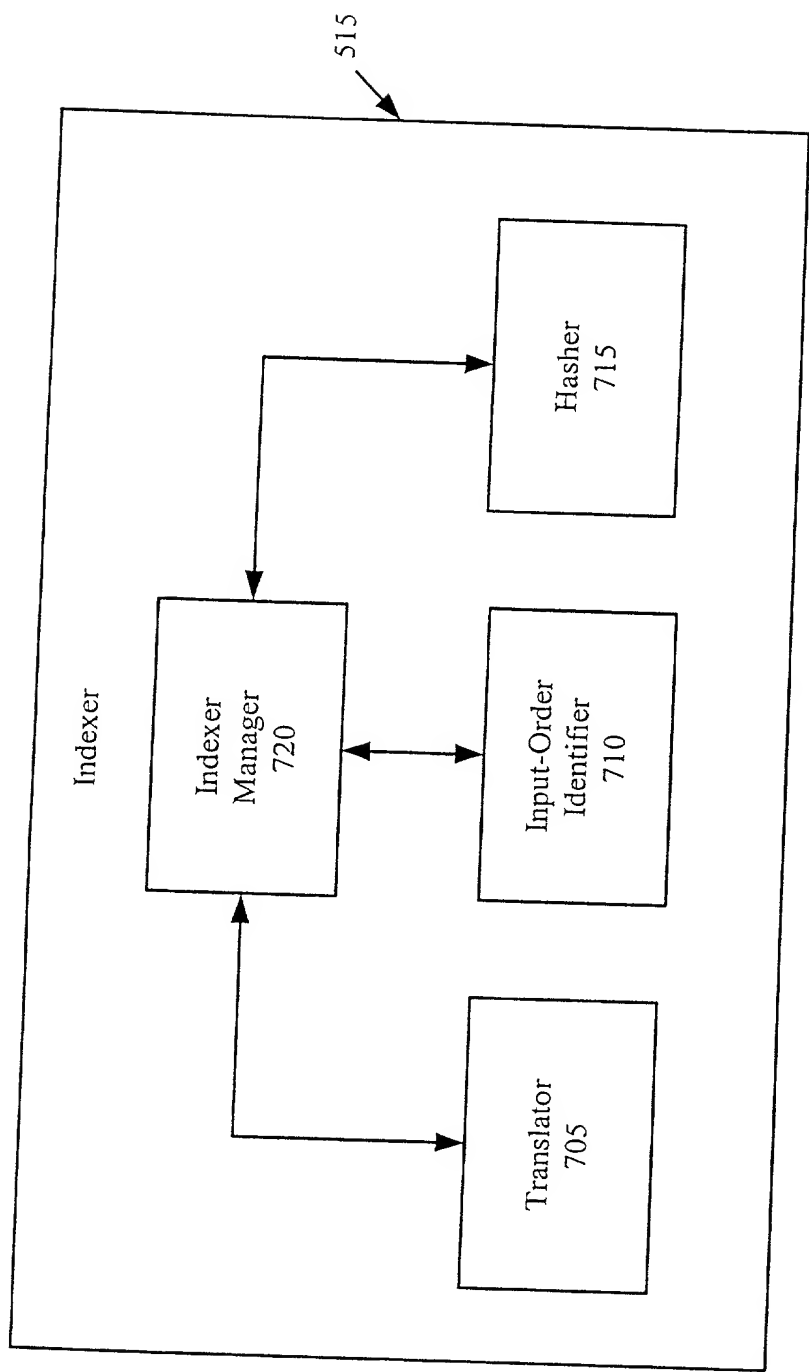


**Figure 6A**

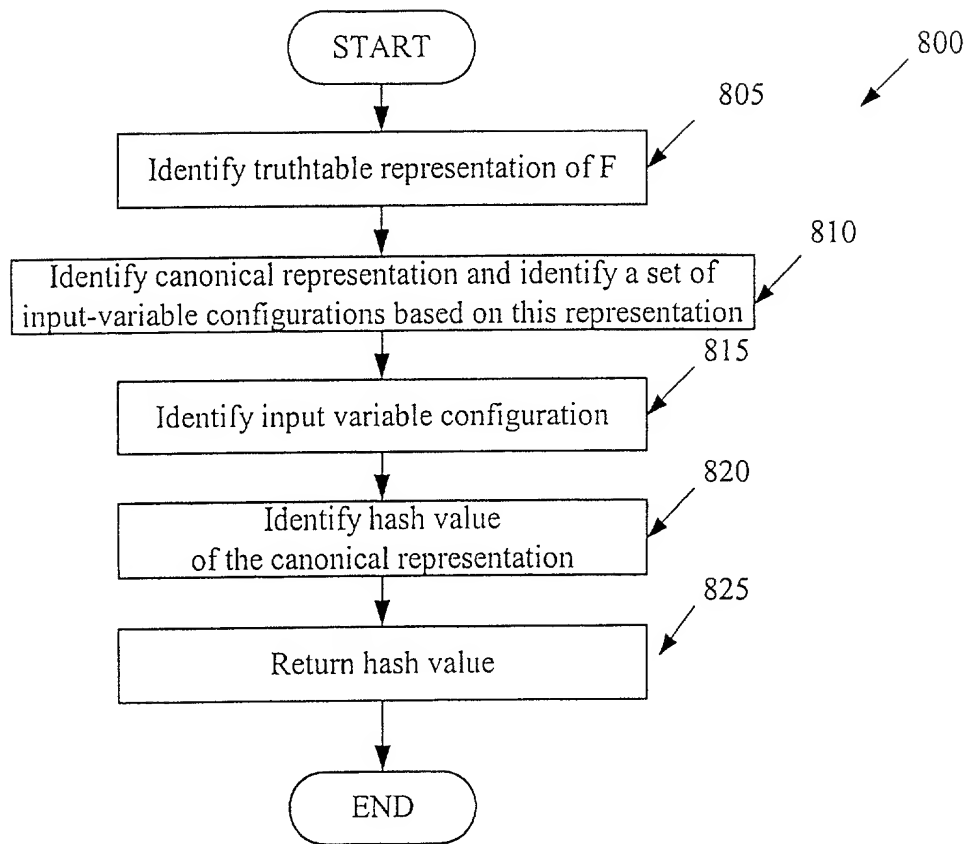
**Figure 6:** *Figure 6A*  
*Figure 6B*



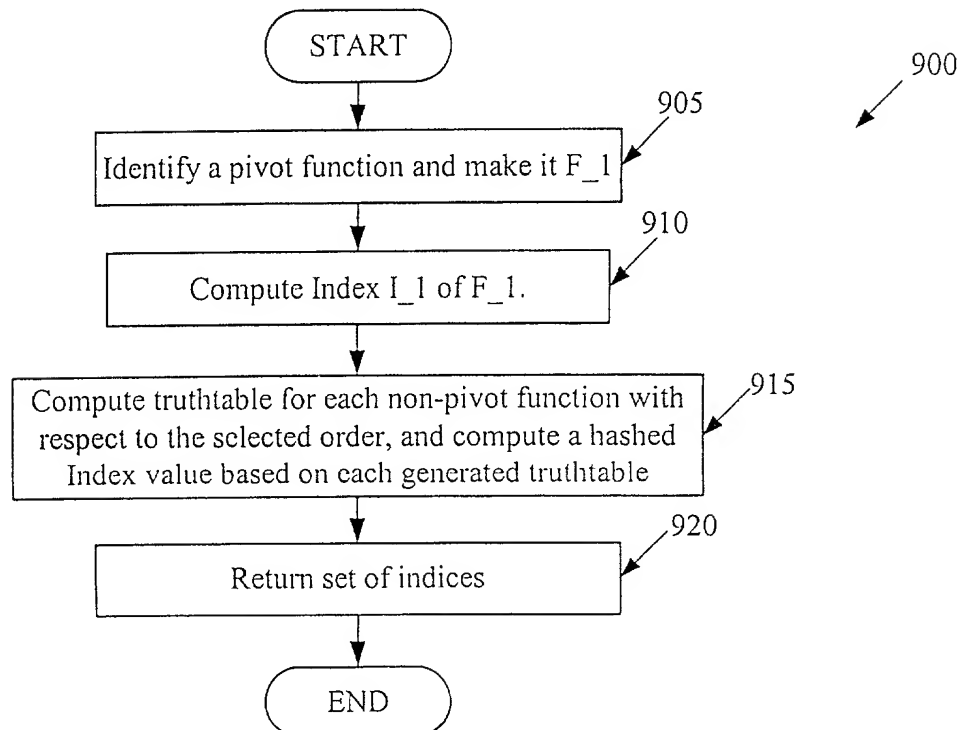
**Figure 6B**



*Figure 7*



**Figure 8**



**Figure 9**



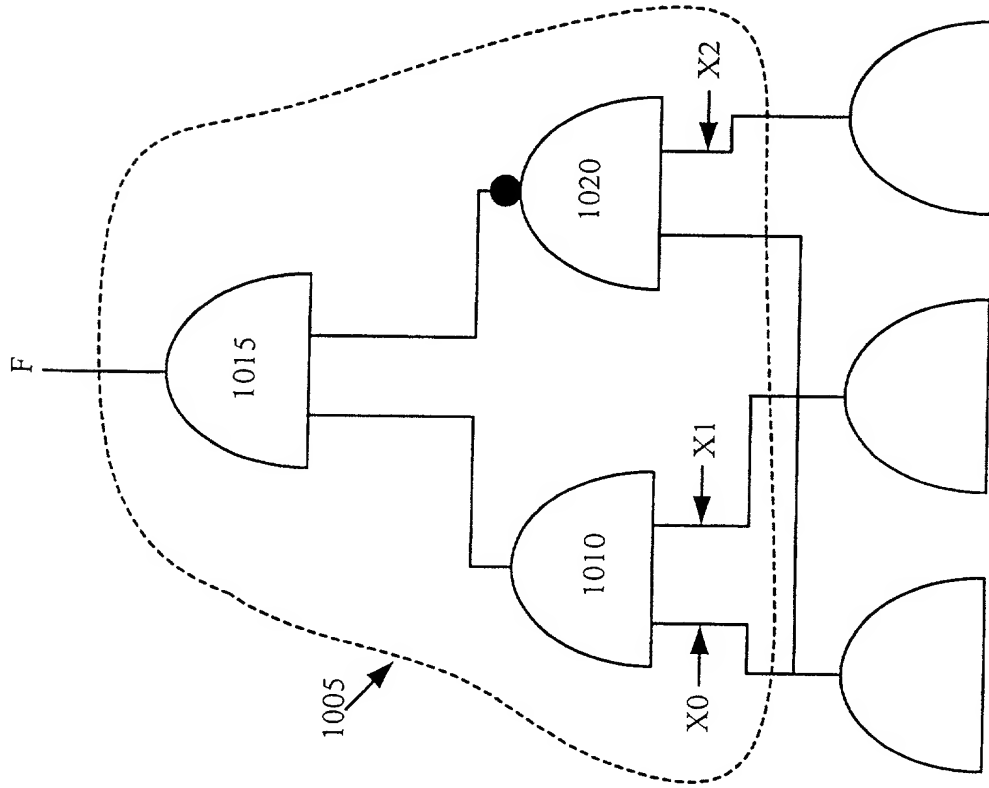


Figure 10

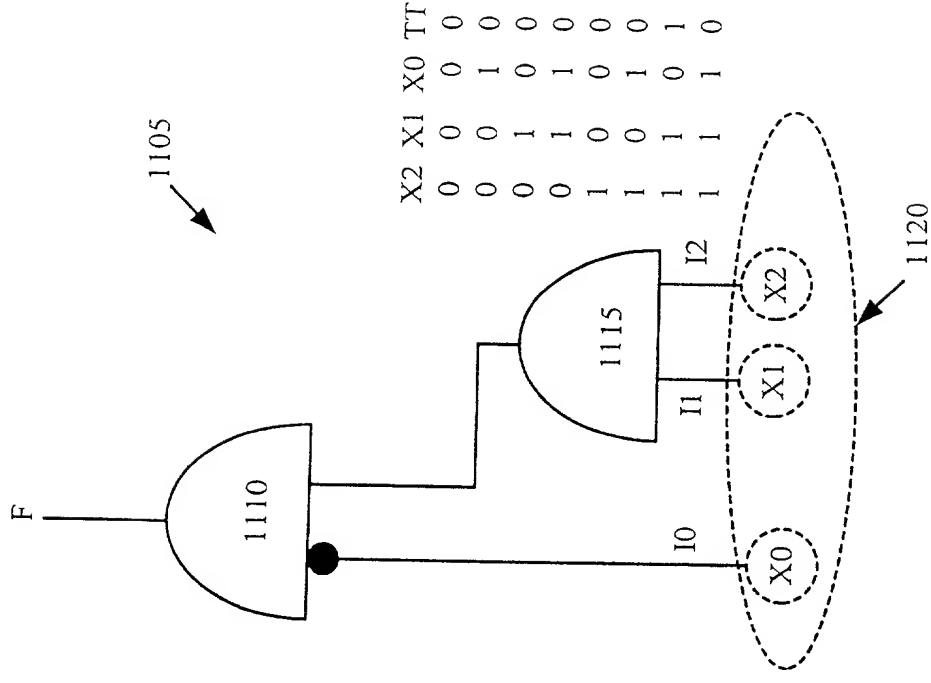


Figure 11

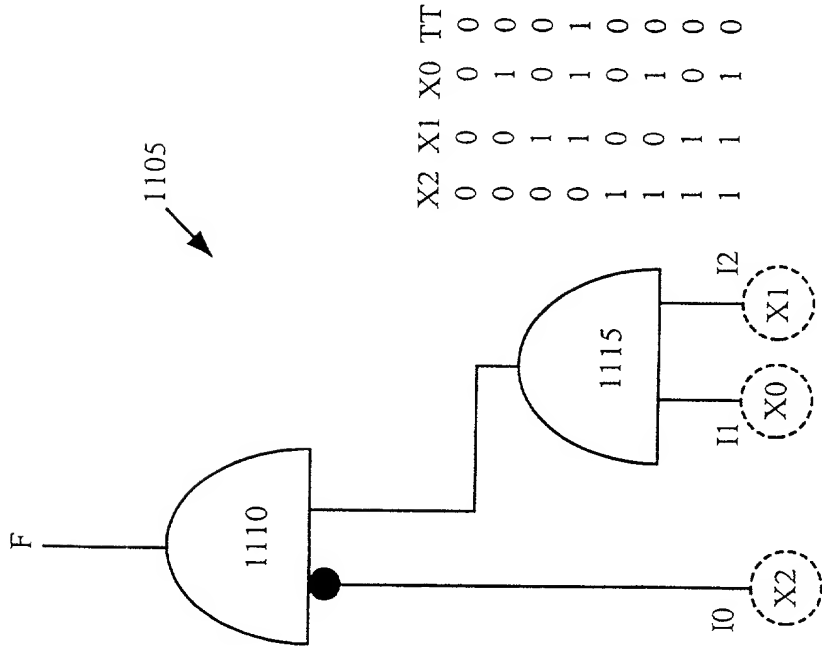


Figure 12

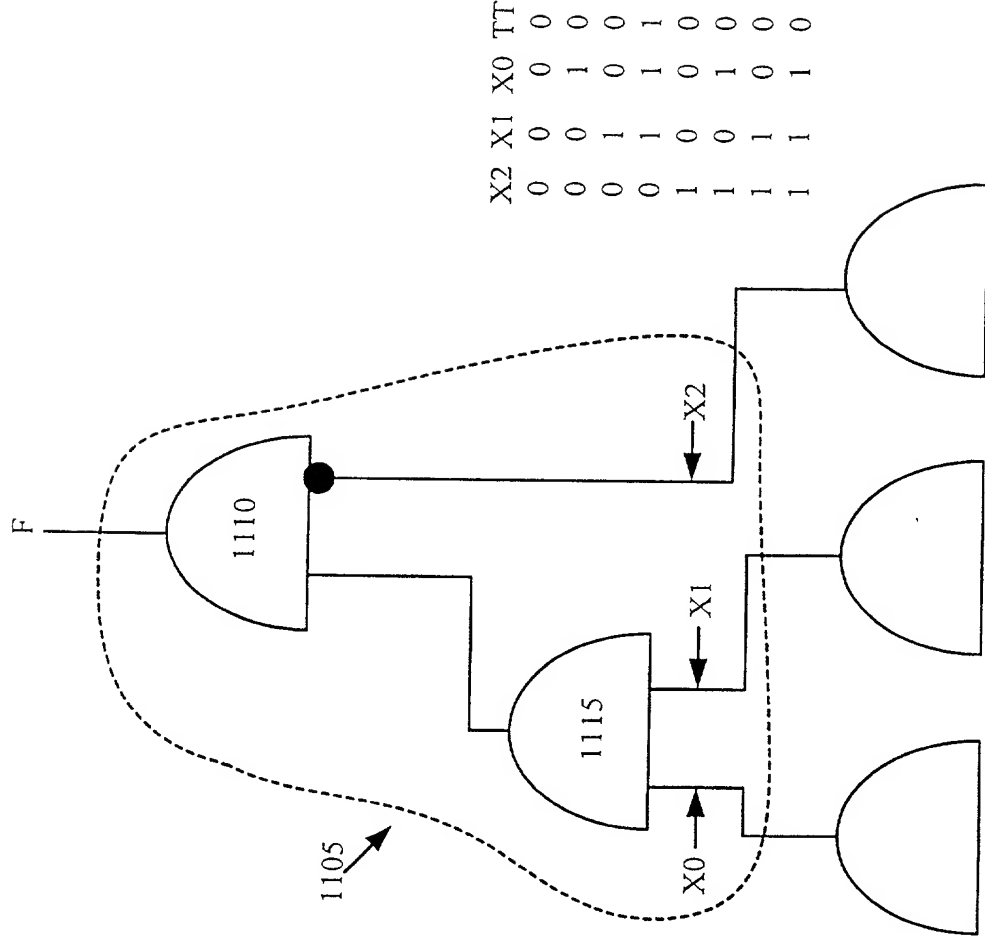
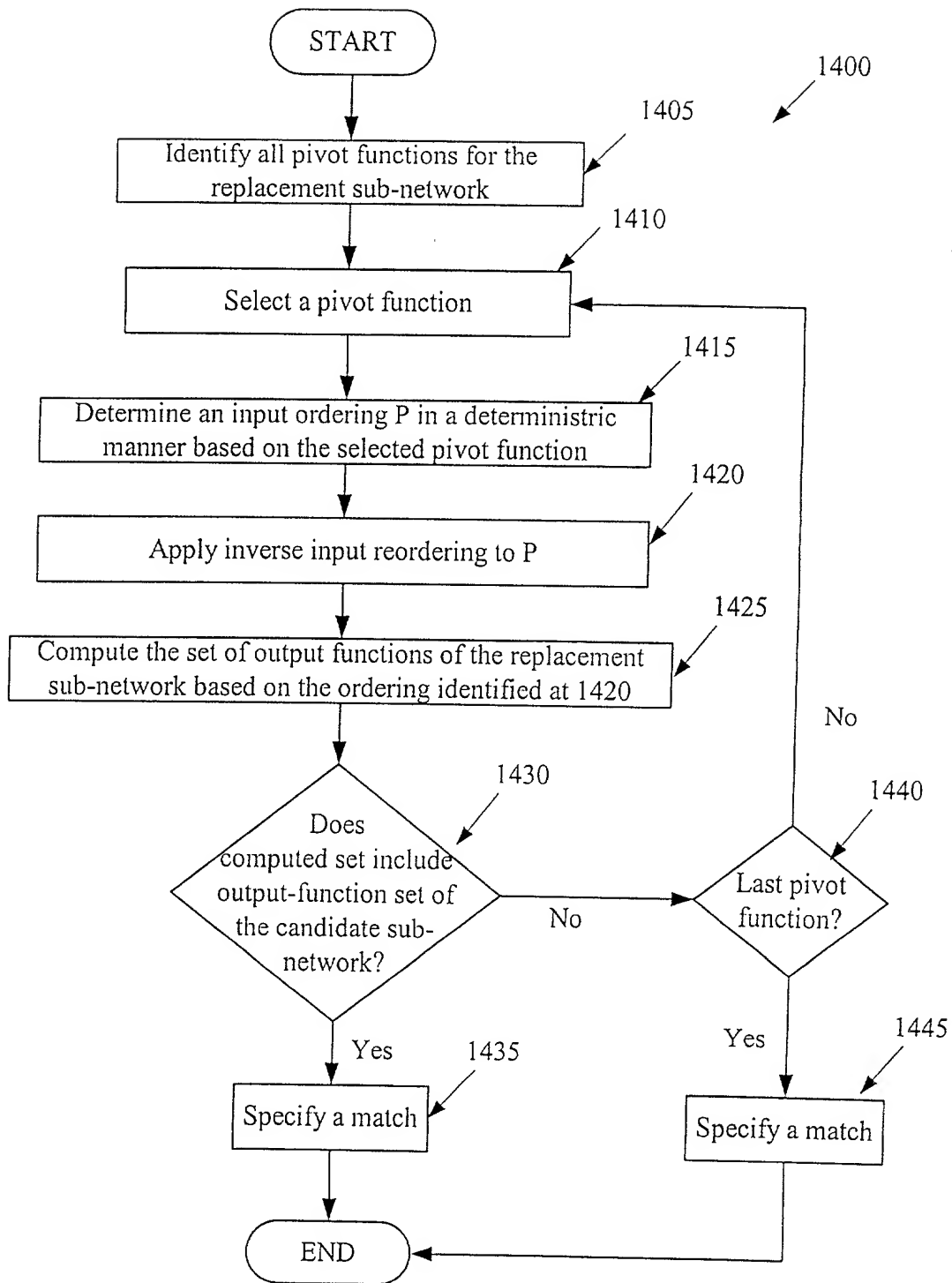


Figure 13



*Figure 14*

FIG. 15 is a schematic diagram of a data structure 1500, which is a table with four columns and five rows. The columns are labeled 'Pivot Index', 'Secondary Index', 'Network Indices', and 'Row Length'. The rows are labeled 'Pivot Index #1', 'Pivot Index #2', 'Pivot Index #X', 'Pivot Index #Y', and 'Pivot Index #Z'. The 'Pivot Index' column contains values 'Pivot Index #1', 'Pivot Index #2', 'Pivot Index #X', 'Pivot Index #Y', and 'Pivot Index #Z'. The 'Secondary Index' column contains values 'Index #T', 'Index #J', 'Index #H', 'Index #G', and 'Index #F'. The 'Network Indices' column contains values 'N#U, ..., N#V', 'N#D, ..., N#E', 'N#F, ..., N#G', 'N#H, ..., N#I', and 'N#J, ..., N#K'. The 'Row Length' column contains values 'Length A', 'Length B', 'Length C', 'Length D', and 'Length E'. Dashed arrows indicate relationships between the 'Pivot Index' column of the table 1500 and the 'Pivot Index' column of the table 1505. Specifically, dashed arrows point from 'Pivot Index #1' in table 1500 to 'Pivot Index #1' in table 1505, and from 'Pivot Index #X' in table 1500 to 'Pivot Index #X' in table 1505.

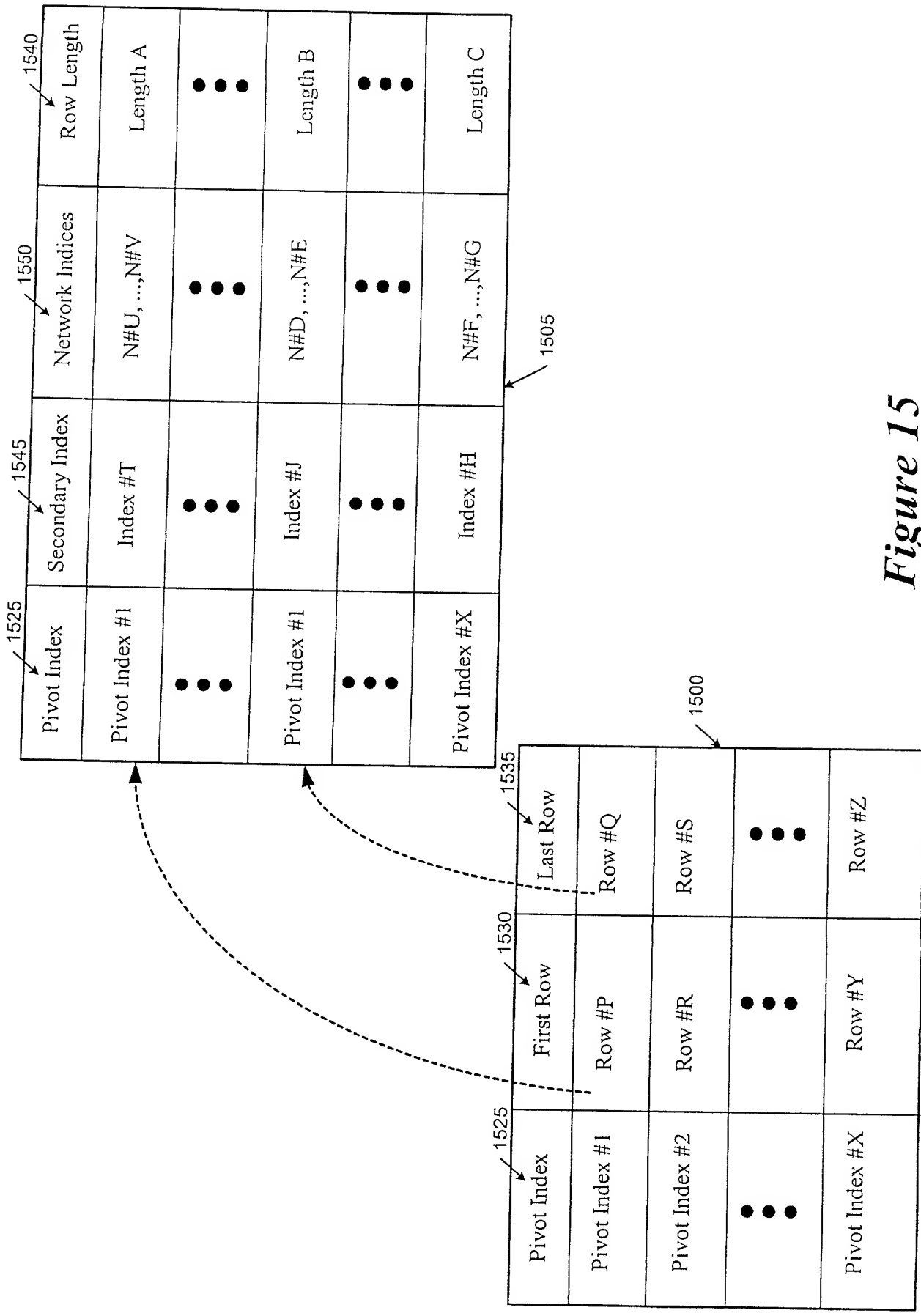
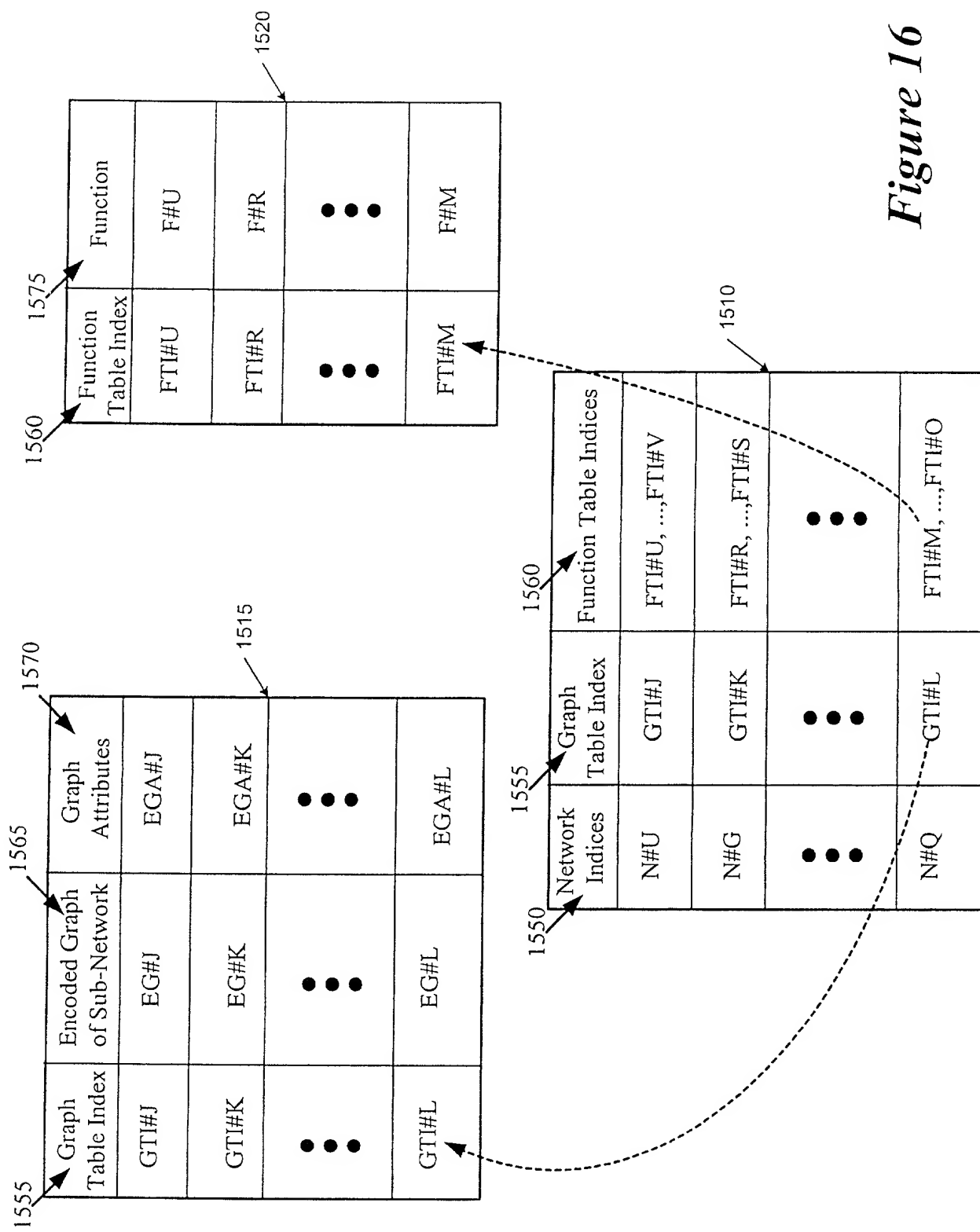
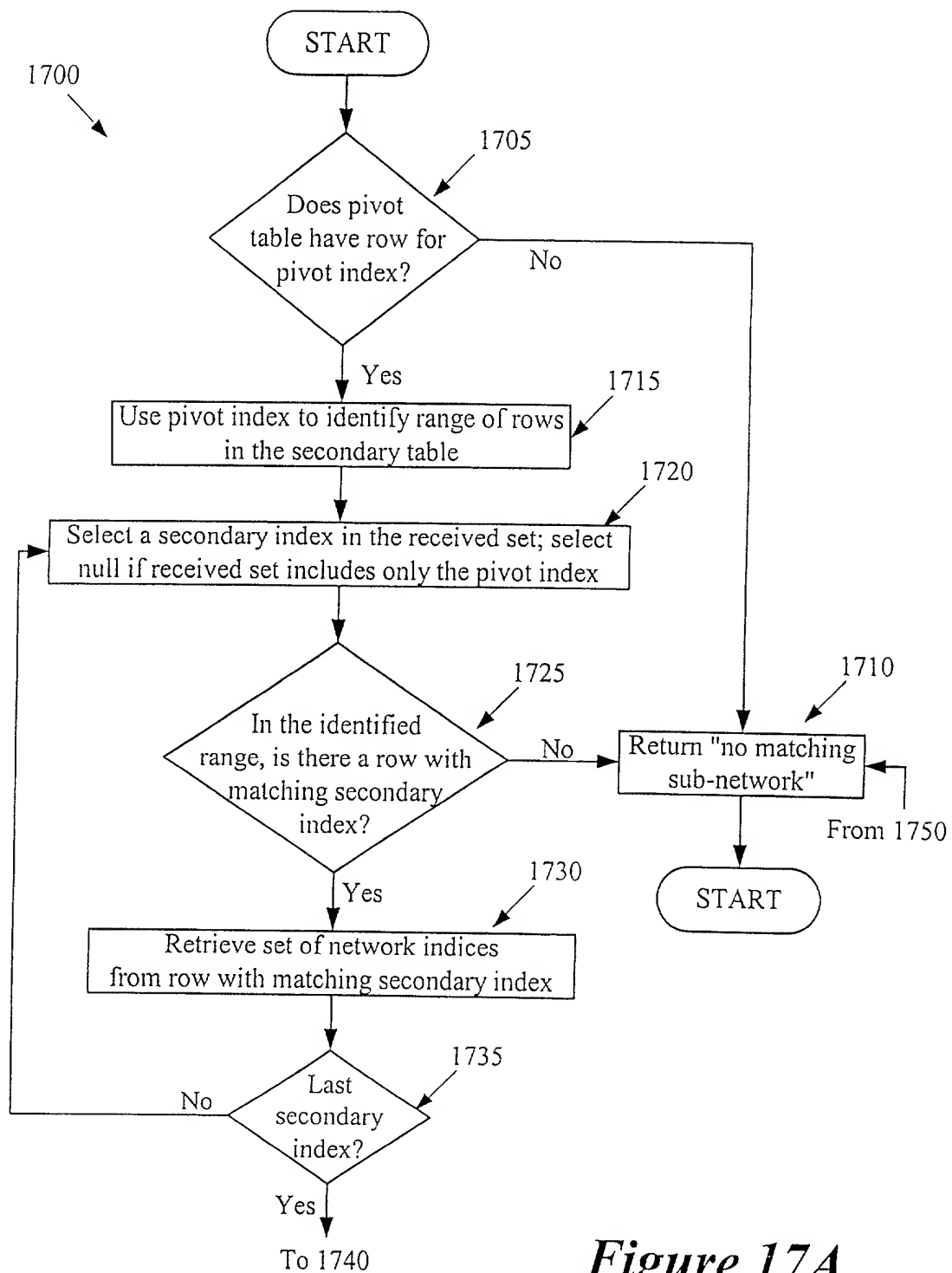


Figure 15

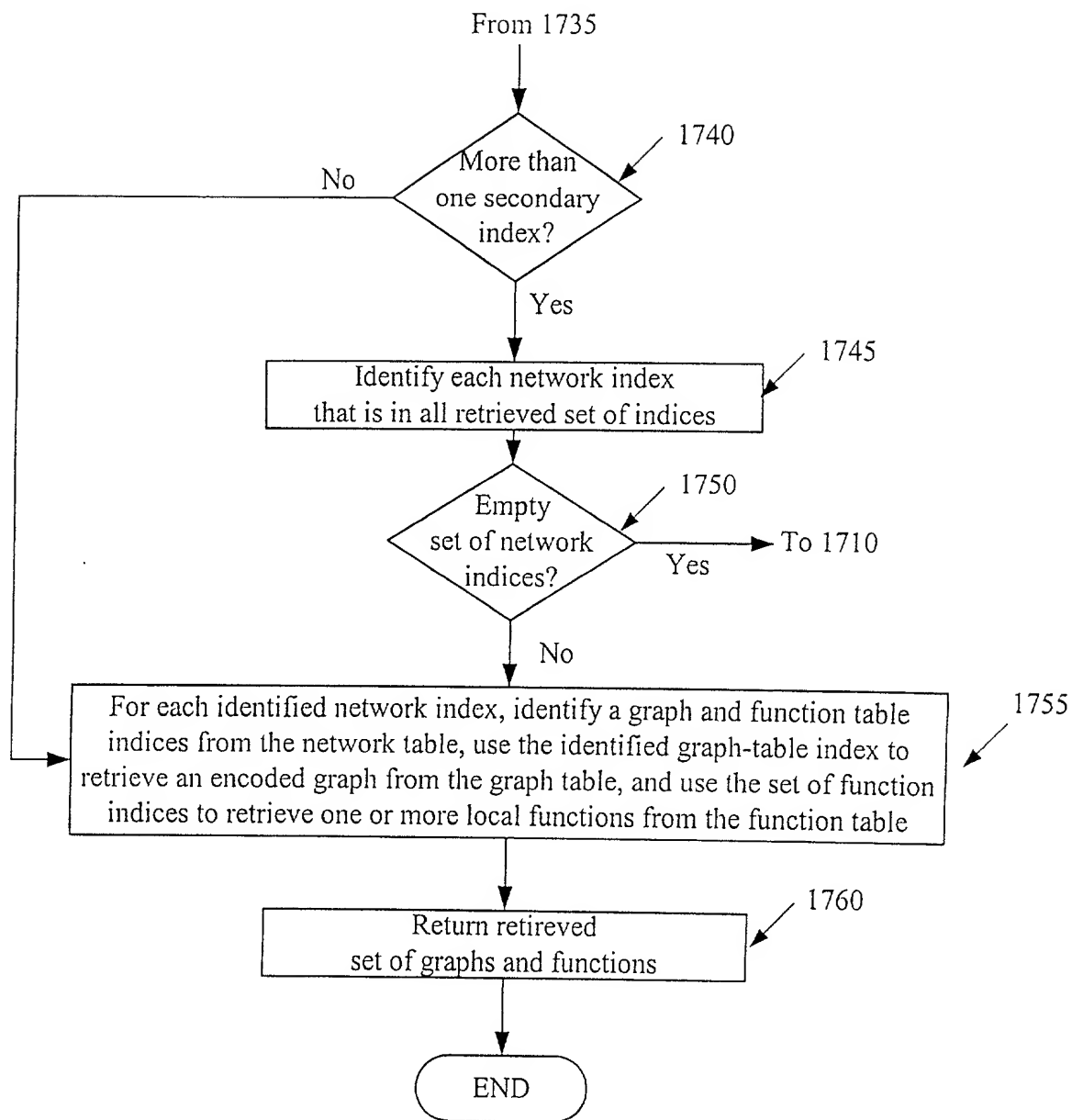


*Figure 16*



**Figure 17A**

**Figure 17:**  $\frac{\text{Figure 17A}}{\text{Figure 17B}}$



**Figure 17B**

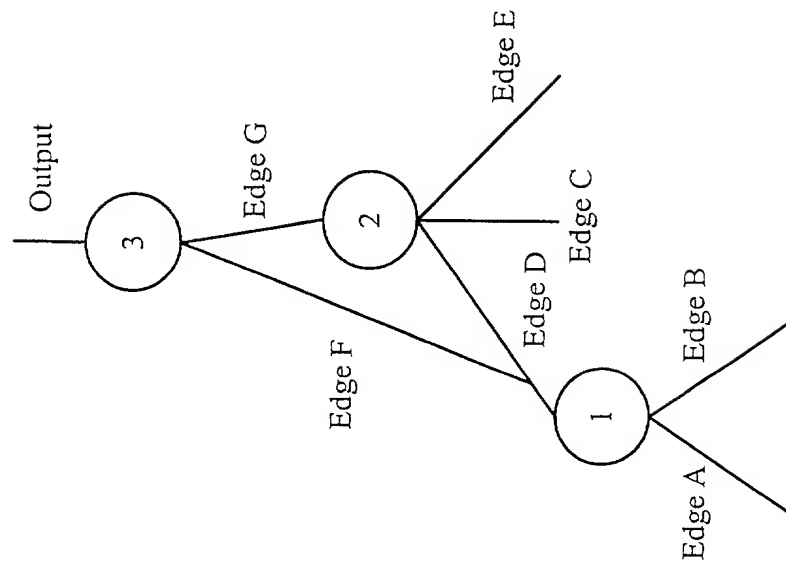
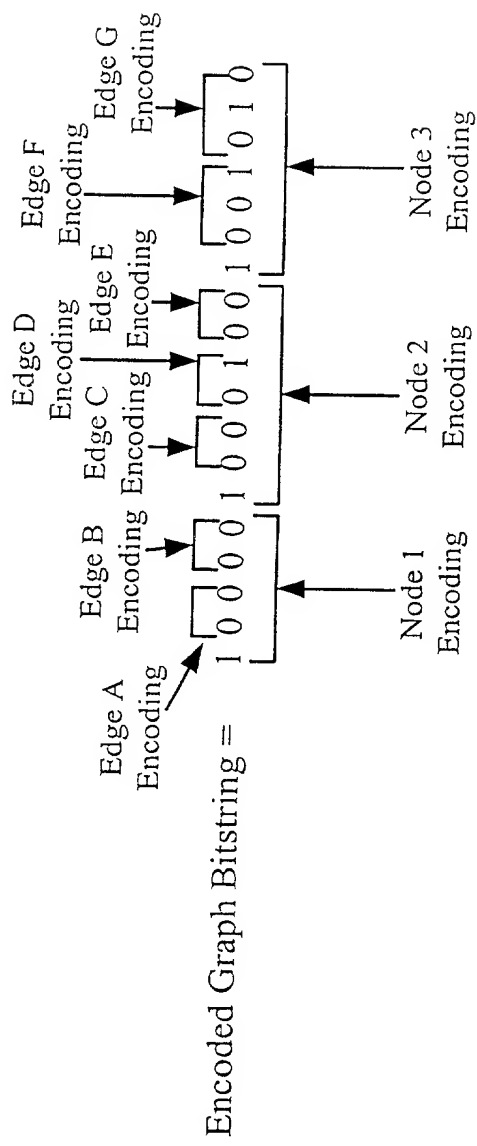
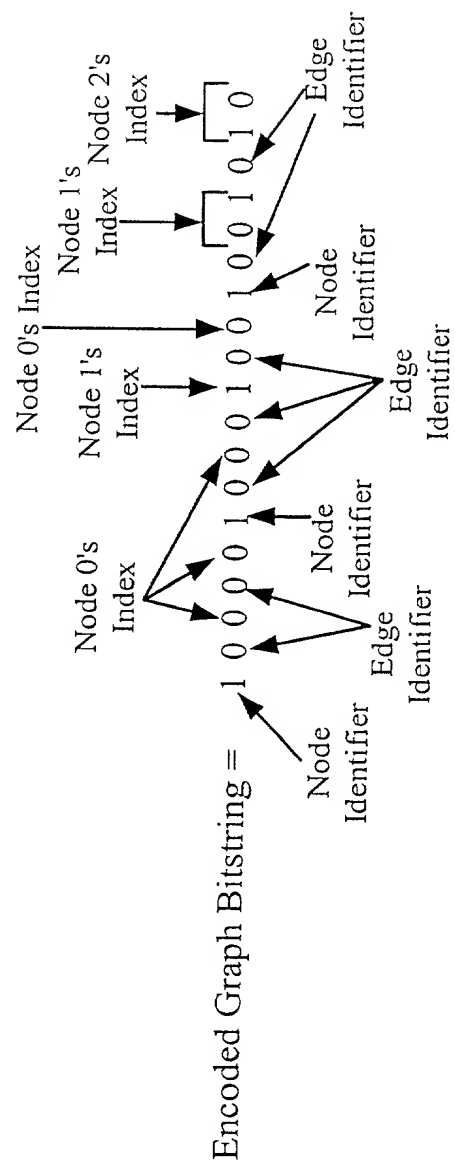


Figure 18

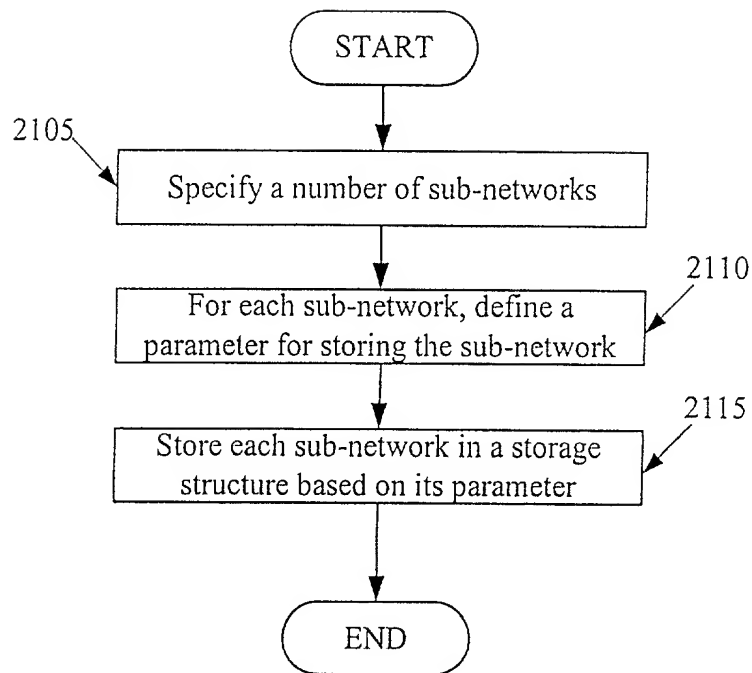


**Figure 19**

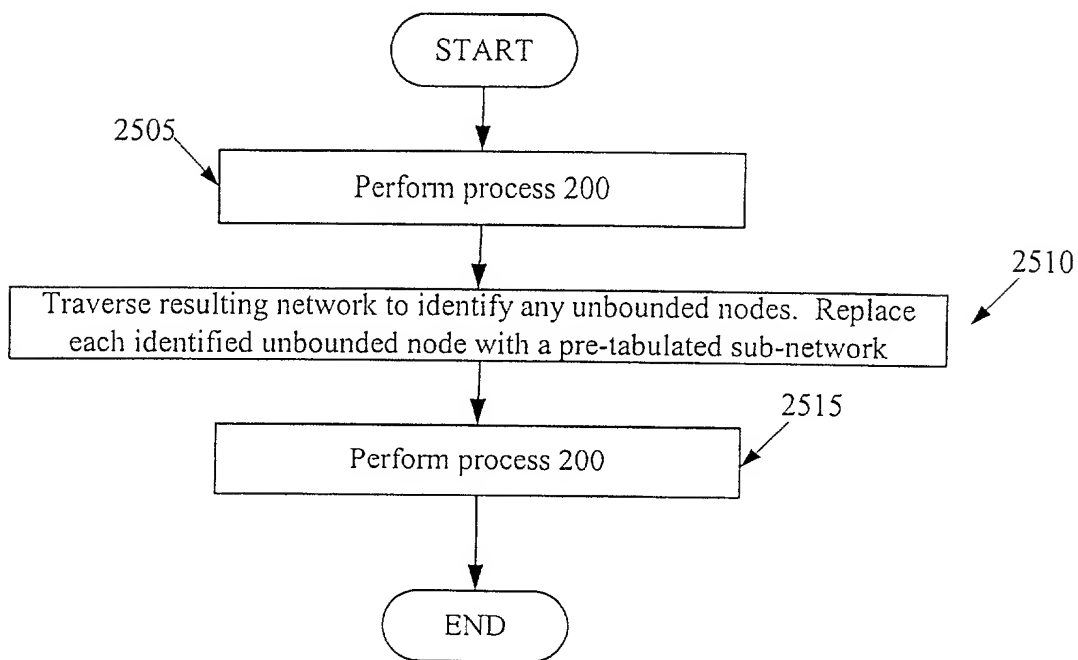


*Figure 20*

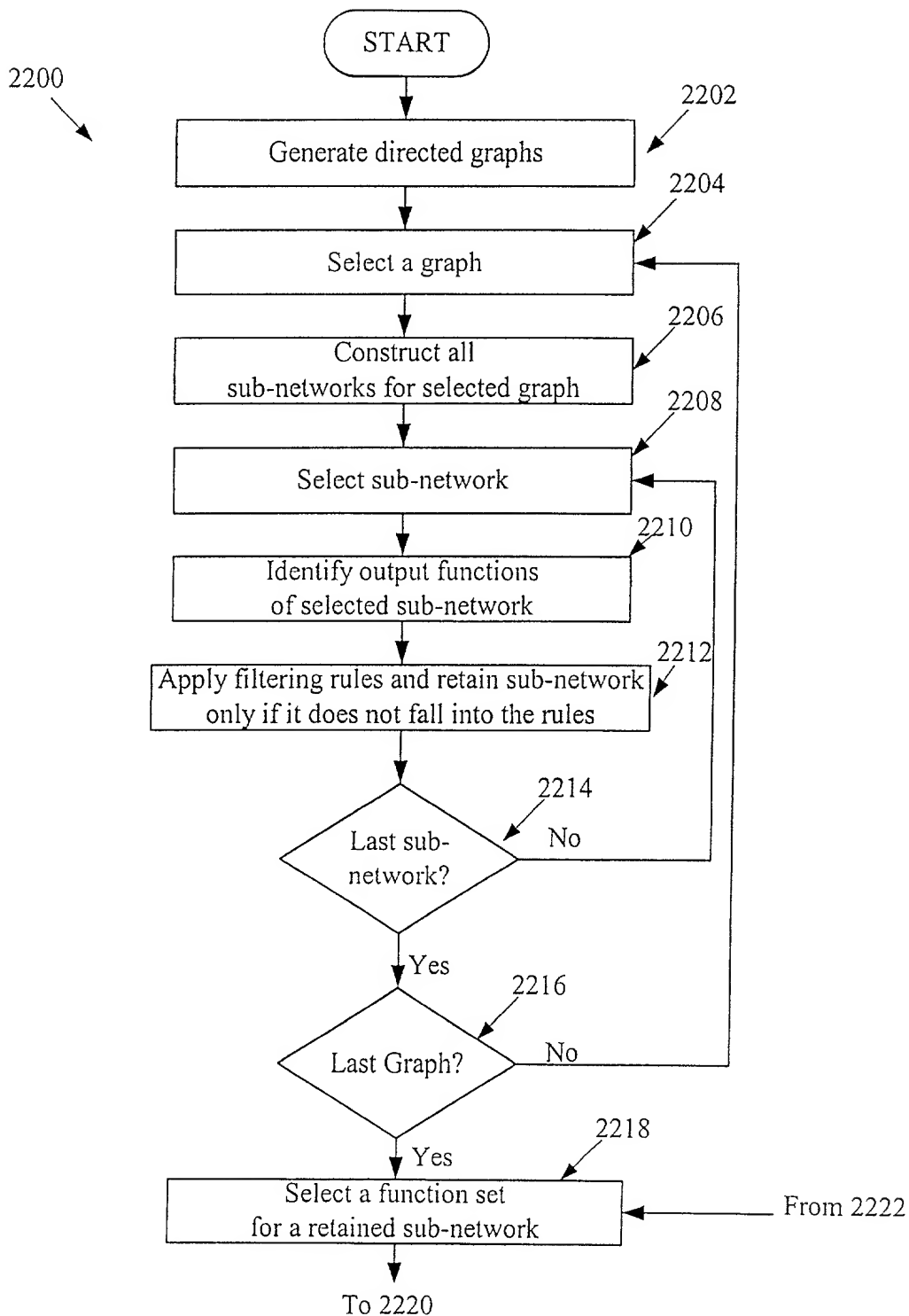




*Figure 21*

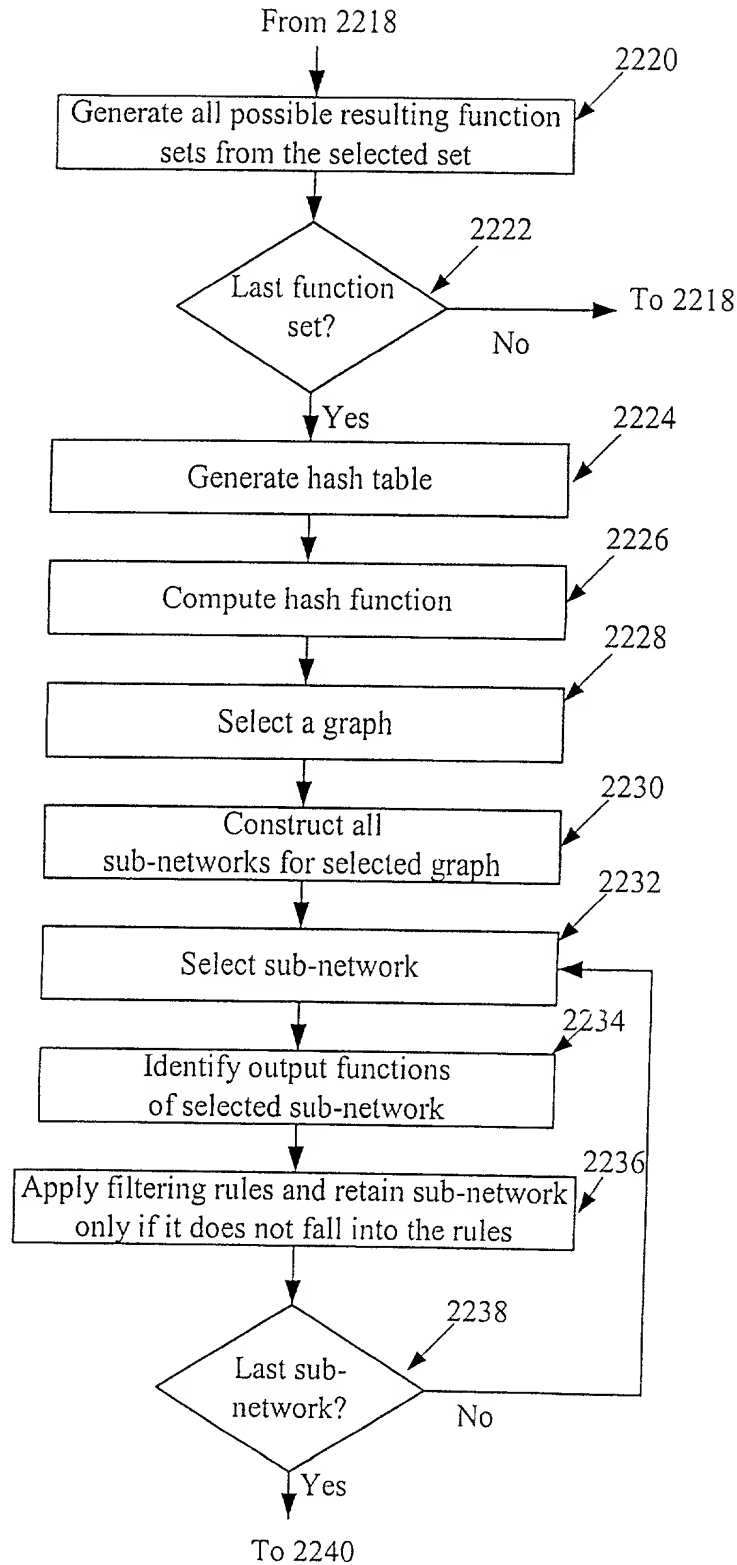


*Figure 25*

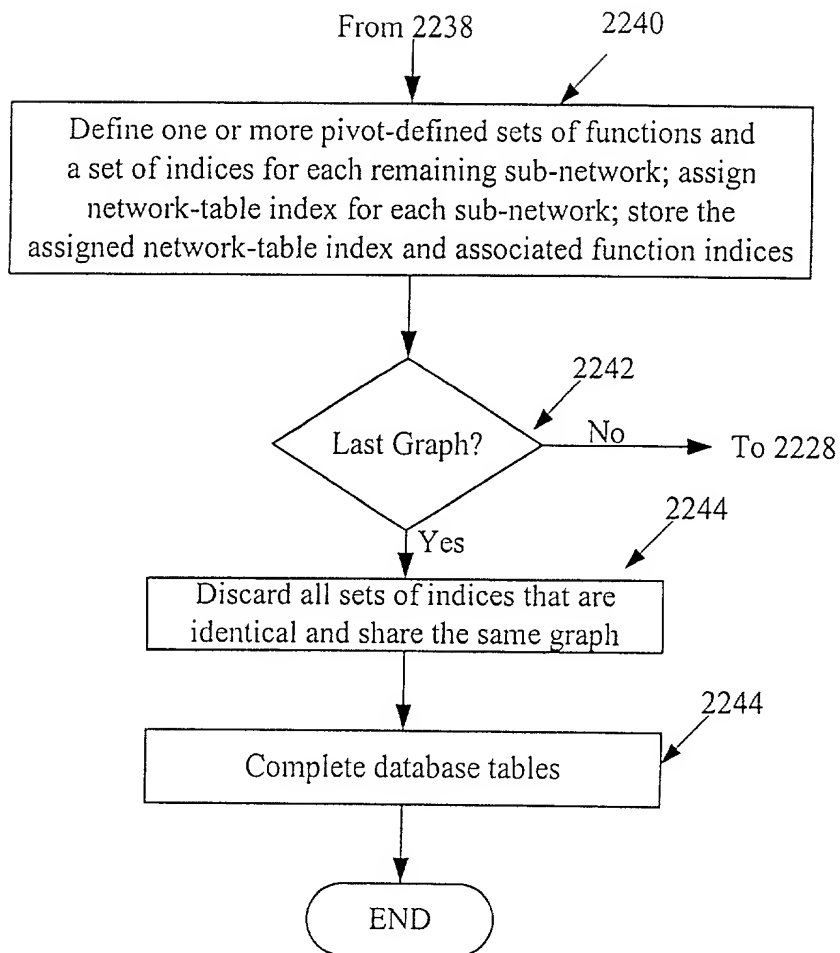


**Figure 22A**

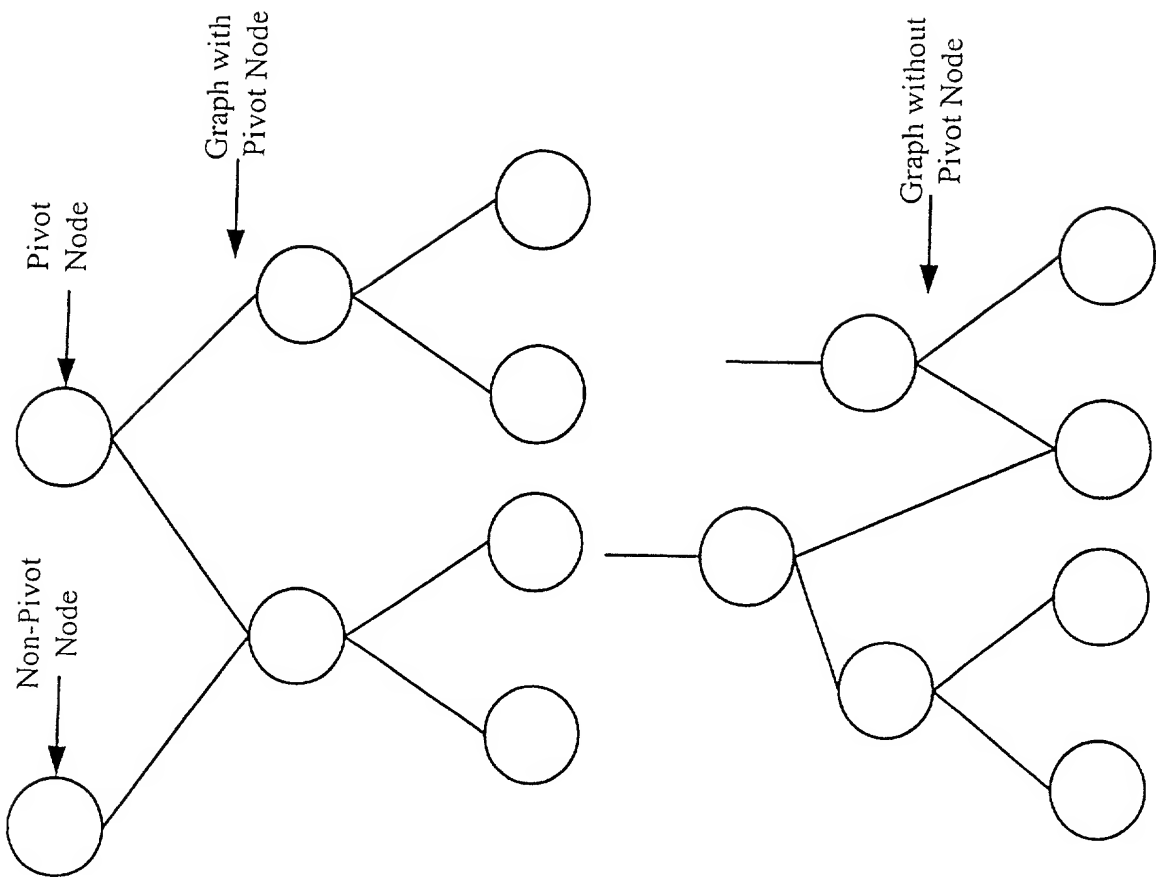
**Figure 22:** Figure 22A  
Figure 22B  
Figure 22C



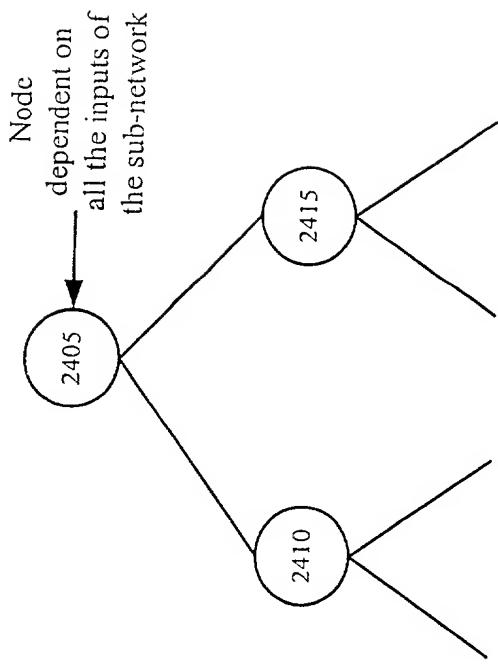
**Figure 22B**



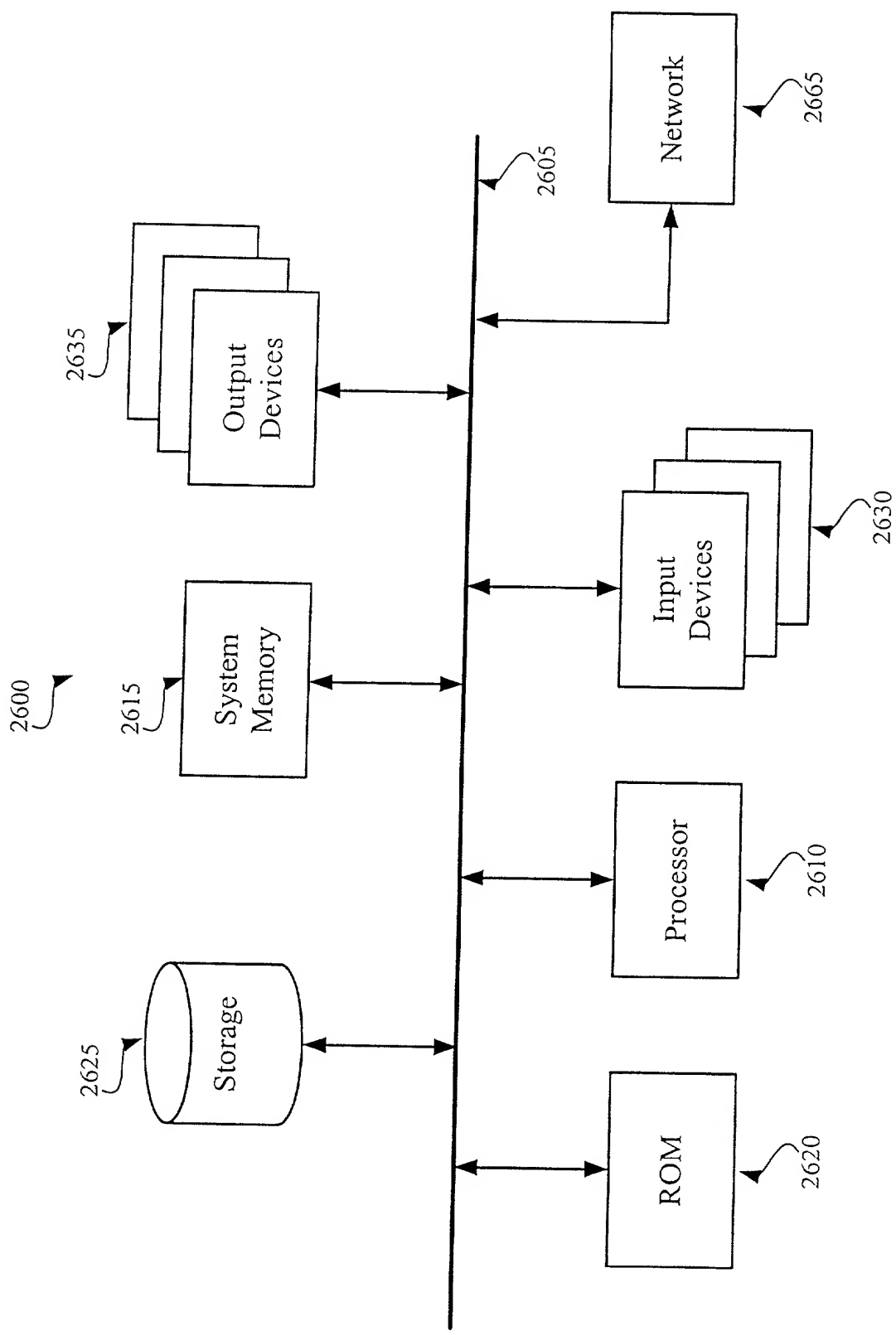
*Figure 22C*



*Figure 23*



*Figure 24*



*Figure 26*